User Manual

Original instructions

WT 3 SPD

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INTRODUCTION

NOTE
The numbers in brackets refer to the components shown in Machine Description chapter.

MANUAL PURPOSE AND CONTENTS

The purpose of this Manual is to provide the operator with all necessary information to use the machine properly, in a safe and autonomous way. It contains information about technical data, safety, operation, storage, maintenance, spare parts and disposal. Before performing any procedure on the machine, the operators and qualified technicians must read this manual carefully. Contact Viper in case of doubts concerning the interpretation of the instructions and for any further information.

TARGET

This manual is intended for operators and technicians qualified to perform the machine maintenance.

The operators must not perform procedures reserved for qualified technicians. Viper will not be answerable for damages coming from the non-observance of this prohibition.

HOW TO KEEP THIS MANUAL

The User Manual must be kept near the machine, inside an adequate case, away from liquids and other substances that can cause damage to it.

DECLARATION OF CONFORMITY

The declaration of conformity, supplied with the machine, certifies the machine conformity with the law in force.

NOTE
Two copies of the original declaration of conformity are provided together with the machine documentation.
The CE-declaration is printed in the Quick Start Guide.

IDENTIFICATION DATA

The machine model and serial number are marked on the plate.

This information is useful when requiring machine spare parts. Use the following table to write down the machine identification data.

MACHINE model .....
MACHINE serial number .....

OTHER REFERENCE MANUALS

- Service Manual (can be consulted at Viper Service Centers)
- Spare Parts List (see www.vipercleaning.eu)

SPARE PARTS AND MAINTENANCE

All necessary operating, maintenance and repair procedures must be performed out by qualified personnel or by Viper Service Centers. Only original spare parts and accessories must be used. Contact Viper for service or to order spare parts and accessories, specifying the machine model and serial number.

CHANGES AND IMPROVEMENTS

Viper constantly improves its products and reserves the right to make changes and improvements at its discretion without being obliged to apply such benefits to the machines that were previously sold.

Any change and/or addition of accessories must be approved and performed by Viper.

PURPOSE AND INTENDED USE

This machine is suitable for drying solid floor, carpet and wet environment inside buildings only.

CONVENTIONS

Forward, backward, front, rear, left or right and up are intended with reference to the operator’s position, that is to say in working position with the handle.

UNPACKING/DELIVERY

To unpack the machine, carefully follow the instructions on the packing.

When the machine is delivered, check that the packing and the machine were not damaged during transportation. In case of visible damages, keep the packing and have it checked by the carrier that delivered it. Call the carrier immediately to fill in a damage claim

SAFETY

The following symbols indicate potentially dangerous situations. Always read this information carefully and take all necessary precautions to safeguard people and property.

The operator's cooperation is essential in order to prevent injury. No accident prevention program is effective without the total cooperation of the person responsible for the machine operation. Most of the accidents that may occur in a factory, while working or moving around, are caused by failure to comply with the simplest rules for exercising prudence. A careful and prudent operator is the best guarantee against accidents and is essential for successful completion of any prevention program.

SYMBOLS USED TO MARK INSTRUCTIONS

	DANGER! Danger that leads directly to serious or irreversible injuries, or even death.
	WARNING! Danger that can lead to serious injuries or even death.
	CAUTION! Danger that can lead to minor injuries and damage.
	NOTE Indicates a remark related to important or useful functions.

GENERAL INSTRUCTIONS

Specific warnings and cautions to inform about potential damages to people and machine are shown below.

The machine must
- only be used by persons, who have been instructed in its correct usage and explicitly commissioned with the task of operating it
- only be operated under supervision
- not be used by children

The workplace is behind the cleaner.
Do not use any unsafe work techniques.

Switch off the machine and disconnect the mains plug in the following situations:
- Prior to cleaning and servicing
- Prior to replacing components
- Prior to changing over the machine

Use of the cleaner is subject to current national regulations. Besides the operating instructions and binding accident prevention regulations valid in the country of use, observe recognized regulations for safe and proper work.

TRANSPORT

When transporting the cleaner in elevators
- observe current safety regulations, in particular with regard to carrying capacity.
- place the shaft in an upright position to prevent it from catching on elevator shaft walls.

OPERATION

Take all necessary precautions to prevent hair, jewels and loose clothes from being caught by the machine moving parts.

The machine working temperature must be between 0°C and +40°C.

The humidity must be between 30% and 95%.

Do not use the machine as a means of transport.

In case of fire, use a powder fire extinguisher, not a water one.

Do not tamper with the machine safety guards and follow the ordinary maintenance instructions scrupulously.

Do not leave the machine unattended without being sure that it cannot move independently.

Do not allow any object to enter into the openings. Do not use the machine if the openings are clogged. Always keep the openings free from dust, hairs and any other foreign material which could reduce the air flow.

Do not remove or modify the plates affixed to the machine.

If the machine is used according to the instructions, the vibrations are not dangerous. The machine vibration level is less than 2.5 m/s^2 (98/37/EEC-EN 1033/1995).

MAINTENANCE

To ensure machine proper and safe operation, the scheduled maintenance shown in the relevant chapter of this manual, must be performed by the authorised personnel or by Viper Service Center.

Carefully read all the instructions before performing any maintenance/repair procedure.

Do not wash the machine with direct or pressurised water jets, or with corrosive substances.

GUARANTEE

Our general conditions of business are applicable with regard to the guarantee.

Unauthorised modifications to the machine, the use of incorrect spare parts and accessories in addition to using the machine in a way other than for the intended purpose exempt the manufacturer from any liability for the resulting damage.

TESTS AND APPROVALS

Electrical tests must be performed in accordance with the provisions of safety regulations (BGV A3) and to DIN VDE 0701 Part 1 and Part 3. In accordance with DIN VDE 0702 these tests must be performed at regular intervals and after repairs or modifications.

ELECTRICAL COMPONENTS

DANGER
Electric shock due to faulty mains connecting lead.
Touching a faulty mains connecting lead can result in serious or even fatal injuries.

- Do not damage the mains power lead (e.g. by driving over it, pulling or crushing it).
- Regularly check whether the power cord is damaged or shows signs of ageing.
- Have the faulty mains connecting lead replaced by your Viper service representative or a qualified electrician prior to using the machine again.

CAUTION
Electrical components.
Damage due to unsuitable mains voltage.
The machine can be damaged as a result of being connected to an unsuitable mains voltage.

- Ensure that the voltage shown on the rating plate corresponds to the voltage of the local mains power supply.

CAUTION
Electrical connection.

- Connect the machine via a residual current circuit breaker.
- Arrange the electrical parts (sockets, plugs and couplings) and lay down the extension lead so that the protection class is maintained.
- Connectors and couplings of power supply cords and extension leads must be watertight.

RISK OF EXPLOSION

WARNING
Flammable and explosive materials.
Risk of explosion in explosive atmosphere or areas where flammable and explosive materials are stored.

- Do not operate the machine near dangerous, flammable and/or explosive powders, liquids or vapours.

SPARE PARTS AND ACCESSORIES

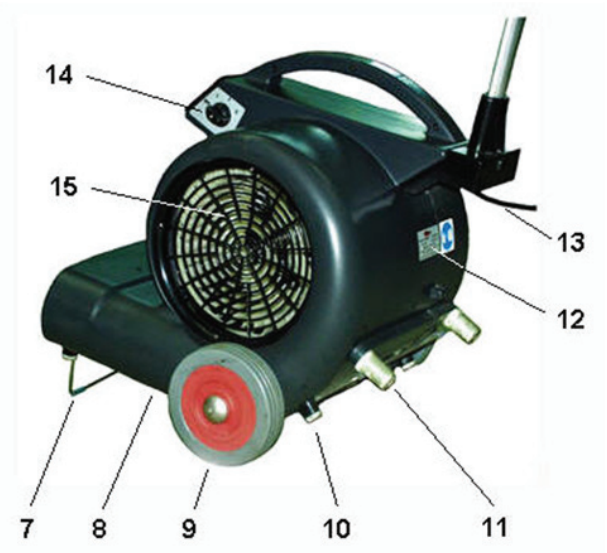
CAUTION
Non-genuine components and unsuitable detergents.
The use of non-genuine parts can impair the safety of the machine and lead to damage.

- Only use spare parts and accessories from Viper.
- Only use the accessories supplied with the machine or those specified in the operating instructions.

MACHINE DESCRIPTION

MACHINE STRUCTURE

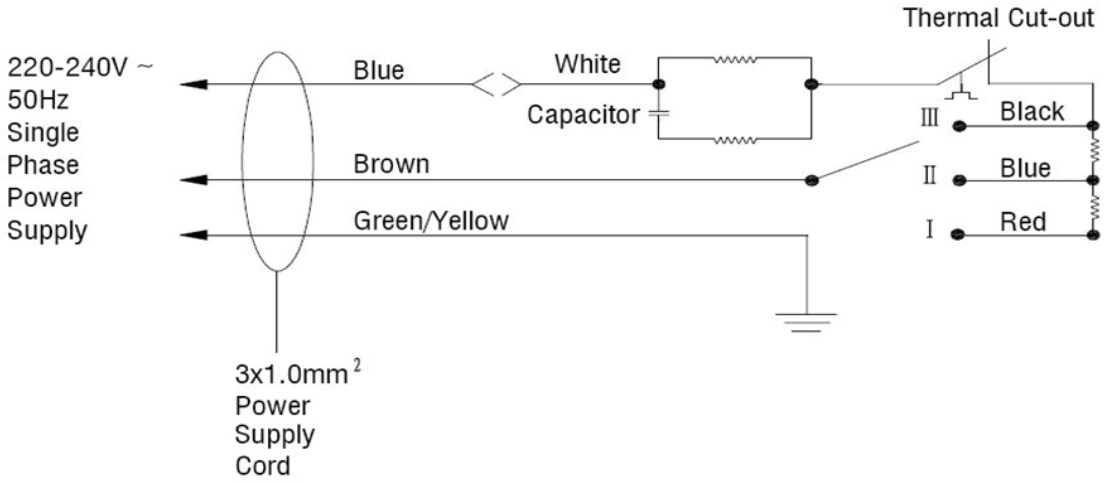
(1) Plastic handle
(2) Tube, handle
(3) Seat, handle
(4) Housing, left
(5) Right net, Vent, Intake
(6) Net, Vent, Outlet
(7) Stand
(8) Housing, right
(9) Wheel
(10) Rubber, Block, Stand
(11) Rubber, Stand, 48mm
(12) Serial tag
(13) Power supply cord
(14) Switch
(15) Left net, Vent, Intake



TECHNICAL DATA

Model		WT3SPD
Voltage	V	220-240
Frequency	Hz	50-60
Power	W	750
Current	A	4.5
Fan wheel Diameter	mm	241.3
Power settings		3-speed
Fan Speed (L)	rpm	1200
Fan Speed (M)		1330
Fan Speed (H)		1410
Flow rate	m³/h	5950 / 5440 / 4760
Dimension LxWxH	cm	53.3 x 50.8 x 43.2
Weight	kg	11.8
Length of Power cord	m	6.1
Sound pressure level	dB(A)	68

WIRING DIAGRAM



OPERATION

BEFORE STARTING THE MACHINE

- Check machine for any obstructions in fan prior to operation.

CAUTION!
Obstruction of the fan.
If an item blocks the intakes of the blower, this will hurt the performance of the blower, and could cause the motor to overheat.
- Remove all obstructions before starting the machine.

BASIC OPERATION

- Plug power cord into a grounded outlet.
- Do not use an extension cord in conjunction with the standard power cord.
- This machine has three power settings. Turn the power knob to the desired speed. High = 3, Med = 2, Low= 1.
- To stop the machine at any time, simply turn the power knob to the “0” position.
- Never stick any object into the air inlet vents or the air outlet vent.

MAINTENANCE

To keep the machine performing well for many years, please follow the following maintenance procedures.

CAUTION!
Always confirm that the machine is unplugged prior to performing any maintenance or repairs.

- Unplug machine as soon as you are not using it.
- Wrap the power cord around the carrying handle.
- Check machine for loose or missing nuts and bolts, and replace as necessary.
- Clean the outside of the machine with a mild cleaner.

STORAGE

- Switch off the machine.
- Pull the mains plug out of the socket.
- The machine storage temperature must be between 0°C and +40°C. Always store the machine indoors.

RECYCLING THE CLEANER

Make the old cleaner unusable immediately:

- Unplug the cleaner.
- Cut the power cord.
- Do not discard of electrical machines with household waste.

As specified in European Directive 2002/96/EC on old electrical and electronic machines, used electrical goods must be collected separately and recycled ecologically. Contact your local authorities or your nearest dealer for further information.